

METHODS AND APPARATUSES FOR CAPTURING AND RECOVERING
UNMANNED AIRCRAFT, INCLUDING EXTENDABLE CAPTURE DEVICES

ABSTRACT OF THE DISCLOSURE

Methods and apparatuses for capturing and recovering unmanned aircraft and other flight devices or projectiles are described. In one embodiment, the aircraft can be captured at an extendable boom. The boom can be extended to deploy a recovery line to retrieve the aircraft in flight. The boom can be retracted when not in use to reduce the volume it occupies. A tension device coupled to the recovery line can absorb forces associated with the impact of the aircraft and the recovery line.